

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-7. (canceled)

8. (currently amended) A device for detecting the pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head having a wall and having an orifice passing through said wall, said orifice having an axis, a ~~functional member~~ a spark plug, a fuel injector or a glow plug used in the operation of the engine, said ~~functional member~~ spark plug, fuel injector or glow plug being disposed in said orifice and extending from inside the cylinder head to outside the cylinder head, the ~~functional member~~ spark plug, fuel injector or glow plug being bodily movable as a whole axially within said orifice relative to said wall, a ~~member~~ collar fixed to said wall in the orifice and having a portion disposed outside said orifice, said ~~functional member~~ spark plug, fuel injector or glow plug having a confronting portion confronting said portion of said ~~fixed member~~ collar in a direction parallel to said axis, and pressure sensitive means disposed between said ~~fixed member~~ collar portion and said confronting portion to detect pressure changes in said cylinder

head that cause bodily axial movement of said ~~functional member~~
spark plug, fuel injector or glow plug, said portion disposed
outside said orifice being a fixed member portion being
externally exposed and releasable from the remainder of said
fixed member such that and upon removal of ~~said fixed member~~
~~portion~~ a nut, said ~~functional member~~ spark plug, fuel injector
or glow plug can be removed and replaced, and said spark plug,
fuel injector or glow plug is not screwed into said orifice,
whereby displacement of the spark plug, fuel injector or glow
plug generates pressure to be detected by the pressure sensitive
means.

9. (currently amended) A device as claimed in claim 8,
wherein said fixed portion is annular and is spaced from said
wall on the outer side of said wall, and said confronting portion
of said ~~functional member~~ spark plug, fuel injector or glow plug
is annular, and said pressure sensitive means is annular.

10. (previously presented) A device as claimed in claim
9, wherein said pressure sensitive means is disposed on a side of
said confronting portion opposite said wall.

11. (currently amended) A device as claimed in claim 9,
wherein said confronting portion is disposed on a side of said
pressure sensitive means opposite said wall.

12. (currently amended) A device as claimed in claim 9, wherein said confronting portion and said portion of said ~~fixed member~~ collar are of a diameter greater than the diameter of said orifice.

13. (currently amended) A device as claimed in claim 9, wherein said confronting portion and said pressure sensitive means and said portion of said ~~fixed member~~ collar are all disposed outside said orifice.

14. (currently amended) A device as claimed in claim 8, and means detachably connecting said ~~fixed member~~ collar to said wall separately from said ~~operating member~~, thereby to permit a replacement of said operating member when said fixed member is detached spark plug, fuel injector or glow plug.

15. (canceled)

16. (canceled)

17. (currently amended) A device as claimed in claim 8, wherein said ~~fixed member portion~~ collar is releasable via a ~~collar and a~~ nut.

18. (currently amended) A device for detecting pressure in a combustion chamber of an internal combustion engine, the internal combustion engine having a cylinder head wall a wall and having an orifice passing through said wall, said orifice having an axis, the device comprising:

a spark plug, a fuel injector or a glow plug, said spark plug, fuel injector or glow plug being disposed in said orifice and extending from inside the cylinder head to outside the cylinder head, said spark plug, fuel injector or glow plug being bodily movable as a whole axially within said orifice relative to said wall, and said spark plug, fuel injector or glow plug is not screwed into said orifice;

a member fixed to said wall in the orifice and having a portion disposed outside said orifice, said spark plug, fuel injector or glow plug having a portion confronting said portion of said fixed member in a direction parallel to said axis; and

a pressure sensitive device disposed between said fixed member portion and said confronting portion to detect pressure changes in said cylinder head that cause bodily axial movement of said spark plug, fuel injector or glow plug, said portion disposed outside said orifice being a fixed member portion being externally exposed, and a nut releasable from the remainder of said fixed member such that upon removal of said fixed member portion, said spark plug, fuel injector or glow plug can be removed and replaced.

19. (previously presented) A device as claimed in claim 18, wherein said fixed member portion is releasable via a collar and a nut.